



Polyimide film Covered /Enameled/ Insulated/ Wrapped Wire Strip

Product Introduction:

This product is on the high quality conductor on the uniformity of the Polyimide film fluorine 4.6 composite film, after heating the composite film on the fluorine 4.6 melt, so that the coating and the conductor, film bonding between a whole. The product has excellent resistance performance voltage, temperature resistant grade for class H 220°C, resistance to high temperature and radiation, is winding volume small, high output, high reliability of electrical products the ideal winding line varieties.

Conductor materials:

1. Aluminum or copper wires strips should follow the standard of GB5584.3-85, at 20°C its conductivity resistance should be not more than 0.02801°Cmm²/m. copper
 20°C ≤ 0.017241Ω(mm)²/m

2. Flat conductor size and R angle should be in line with the national standard GB/T7673.1-87

3. The surface of the round conductor shall be smooth, clean, without any abrasion, burr, oil and metal foam.

4. The connection of circular and flat conductor plane should be smooth, with sharp protrusions and not allowed.

Product breakdown voltage follow the below table:

Narrow side(a) standard size mm	Breakdown voltage		Narrow side(b) standard size mm	Breakdown voltage	
	Single layer wrapping	Double layers wrapping		Single layer wrapping	Double layers wrapping
a ≤ 3.00	2000V	3000V	3.00 ≤ a ≤ 6.00	1500V	2500V
	2500V	4000V		2000V	3000V
	3000V	5000V		2300V	3500V
	3500V	6000V		2600V	4200V
	4000V	7000V		3000V	5000V